OM protein - protein search, using sw model

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GenCore version 5.1.6
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Run on: January 11, 2005, 18:46:16 ; Search time 27 Seconds
                                        (without alignments)
                                        28.276 Million cell updates/sec

Title: US-09-733-179A-2
Perfect score: 84
Sequence: , 1 CGTQARQGDPSTGPI 15

Scoring table: BLOSUM62
               Gapop 10.0 , Gapext 0.5
Searched: 217621 seqs, 5089439 residues
Total number of hits satisfying chosen parameters: 217621

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 1000 summaries

Database :   Pending Patents_AA New:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	84	100.0	643	1	PCT-US03-12946-2956	Sequence 2956, Ap
2	84	100.0	643	8	US-60-625-588-369	Sequence 369, App
3	84	100.0	643	8	US-60-625-588-370	Sequence 370, App
4	43.5	51.8	20	6	US-10-491-679-164	Sequence 164, App
5	42	50.0	641	6	US-10-408-765-1675	Sequence 1675, Ap
6	41	48.8	300	6	US-10-857-765-8	Sequence 8, Appli
7	41	48.8	371	6	US-10-857-765-6	Sequence 6, Appli
8	41	48.8	424	6	US-10-732-923-1548	Sequence 1548, Ap
9	40.5	48.2	828	8	US-10-995-561-983	Sequence 983, App
10	40.5	48.2	828	8	US-60-636-722-329	Sequence 329, App
11	40.5	48.2	828	8	US-60-636-722-331	Sequence 331, App
12	40.5	48.2	918	6	US-10-995-561-981	Sequence 981, App
13	40.5	48.2	918	8	US-60-636-722-327	Sequence 327, App
14	40.5	48.2	918	8	US-60-636-722-333	Sequence 333, App
15	40.5	48.2	999	6	US-10-486-678-14	Sequence 14, Appl
16	40.5	48.2	1019	6	US-10-486-678-13	Sequence 13, Appl
17	40.5	48.2	1019	8	US-60-636-722-326	Sequence 982, App
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20	40.5	48.2	1019	8	US-60-636-722-332	Sequence 332, App
21	40	47.6	142	6	US-10-220-366A-26747	Sequence 26747, A
22	40	47.6	199	6	US-10-408-765-2530	Sequence 2530, Ap
23	40	47.6	316	6	US-10-408-765-2776	Sequence 2776, Ap
24	40	47.6	348	6	US-10-871-385-13	Sequence 13, Appl
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26	40	47.6	410	7	US-11-016-106-4	Sequence 4, Appli
27	40	47.6	508	6	US-10-732-923-6583	Sequence 6583, Ap
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39	39	46.4	521	6	US-10-408-765-710	Sequence 710, App
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118	42.3	35.5	615	6	US-60-636-722-972	Sequence 972, App
119	42.3	35.5	615	6	US-60-636-722-974	Sequence 974, App
120	42.3	35.5	615	6	US-60-636-722-976	Sequence 976, App
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124	42.3	35.5	1017	6	US-10-408-765-158	Sequence 158, App
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190	41.1	34.5	559	6	US-10-955-745-93	Sequence 93, Appl
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227	40.5	34	392	6	US-10-788-197-57	Sequence 57, Appl
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239	40.5	34	533	6	US-10-482-526A-238	Sequence 238, App
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241	40.5	34	590	1	PCT-US02-09107B-61769	Sequence 61769, A
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OM protein - protein search, using sw model

Run on:    January 11, 2005, 18:47:01 ; Search time 145 Seconds
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Post-processing: Minimum Match 0%
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Pred. No. is the number of results predicted by chance to have a
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and is derived by analysis of the total score distribution.

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                GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on:    January 11, 2005, 18:45:06 ; Search time 21 Seconds
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
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SUMMARIES

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2	84	100.0	15	21	US-09-733-179A-2	Sequence 16, Appli
3	84	100.0	18	1	PCT-US00-33342-16	Sequence 1, Appli
4	84	100.0	21	1	PCT-US00-33342-1	Sequence 20, Appl
5	84	100.0	21	1	US-09-733-179A-1	Sequence 20, Appl
6	84	100.0	24	1	PCT-US00-33342-20	Sequence 88486, A
7	84	100.0	289	22	US-09-791-537-88486	Sequence 11, Appl
8	84	100.0	643	1	PCT-US00-33341-11	Sequence 1147, Ap
9	84	100.0	643	1	PCT-US04-24424-1147	Sequence 11, Appl
10	84	100.0	643	21	US-09-733-179A-11	Sequence 117484,
11	84	100.0	643	22	US-09-791-537-117484	Sequence 396, App
12	84	100.0	643	33	US-10-755-889-396	Sequence 276, App
13	84	100.0	643	35	US-10-941-087-276	Sequence 277, App
14	84	100.0	643	35	US-10-941-087-277	Sequence 204, App
15	84	100.0	643	36	US-6-440-068-204	Sequence 396, App
16	84	100.0	643	36	US-6-440-068-396	Sequence 396, App
17	84	100.0	643	36	US-6-469-767-396	Sequence 368, App
18	84	100.0	643	36	US-6-474-850-368	Sequence 1147, Ap
19	84	100.0	643	36	US-6-489-890-1147	Sequence 622, App
20	84	100.0	643	36	US-6-566-425-622	Sequence 624, App
21	84	100.0	643	36	US-6-566-425-624	Sequence 496, App
22	84	100.0	643	36	US-6-570-005-196	Sequence 498, App
23	84	100.0	643	36	US-6-570-005-498	Sequence 402, App
24	84	100.0	643	36	US-6-576-801-402	Sequence 404, App
25	84	100.0	643	36	US-6-576-801-404	Sequence 654, App
26	84	100.0	643	36	US-6-576-812-654	Sequence 656, App
27	84	100.0	643	36	US-6-576-812-656	Sequence 724, App
28	84	100.0	665	1	PCT-US00-05918-724	Sequence 724, App
29	84	100.0	665	24	US-09-925-302-724	Sequence 103042,
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31	70	83.3	643	22	US-09-791-537-117712	Sequence 3, Appli
32	67	79.8	12	1	PCT-US00-33341-3	Sequence 3, Appli
33	67	79.8	12	21	US-09-733-179A-3	Sequence 21, Appl
34	67	79.8	15	1	PCT-US00-33341-21	Sequence 117723, A
35	60	71.4	379	22	US-09-791-537-117723	Sequence 96635, A
36	52	61.9	374	22	US-09-791-537-96635	Sequence 2042, Ap
37	52	61.9	645	22	US-09-791-537-2042	Sequence 311583,
38	46	54.8	76	30	US-10-425-115-311583	Sequence 196905,
39	45.5	54.2	156	30	US-10-425-115-196905	Sequence 259485,
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41	45	53.6	101	36	US-60-196-718-7168	Sequence 90693, A
42	45	53.6	153	22	US-09-791-537-90693	Sequence 32548, A
43	45	53.6	201	33	US-10-767-701-32548	Sequence 22517, A
44	45	53.6	371	30	US-10-366-683-22517	Sequence 22517, A
45	45	53.6	371	30	US-10-419-128-22517	Sequence 3168, Ap
46	45	53.6	808	27	US-10-170-205E-3168	Sequence 262575,
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50	44	52.4	114	30	US-09-617-681A-297	Sequence 257866,
51	44	52.4	130	30	US-10-425-115-257866	Sequence 79716, A
52	44	52.4	146	21	US-09-708-427-79716	Sequence 203812,
53	44	52.4	160	30	US-10-437-963-203812	Sequence 37981, A
54	44	52.4	187	33	US-10-767-701-37981	Sequence 54029, A
55	44	52.4	247	21	US-09-708-427-54029	Sequence 1320, Ap
56	44	52.4	287	26	US-10-017-161-1320	Sequence 1084, Ap
57	44	52.4	287	28	US-10-292-798-1084	Sequence 2689, App
58	44	52.4	326	1	PCT-US02-32727-2689	Sequence 2689, Ap
59	44	52.4	326	25	US-09-978-825-2689	Sequence 2689, Ap
60	44	52.4	326	26	US-10-057-498-2689	Sequence 131916,
61	44	52.4	641	22	US-09-791-537-131916	Sequence 2041, Ap
62	44	51.8	644	22	US-09-791-537-2041	Sequence 69191, A
63	43.5	51.8	647	22	US-09-791-537-69191	Sequence 100982,
64	43.5	51.8	663	22	US-09-791-537-100982	Sequence 184270,
65	43	51.2	50	30	US-10-437-963-184270	Sequence 229687,
66	43	51.2	81	30	US-10-424-599-229687	Sequence 111013,
67	43	51.2	85	33	US-10-767-795-111013	Sequence 17078, A
68	43	51.2	271	29	US-10-366-683-17078	Sequence 17078, A
69	43	51.2	271	30	US-10-419-128-17078	Sequence 46209, A
70	43	51.2	307	28	US-10-219-999-46209	Sequence 46209, A

Pred. No. is the number of results predicted by chance to have a
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and is derived by analysis of the total score distribution.

SUMMARIES

(Handwritten annotation across the page: a large "X" and "Not US Sequence(?)")

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73	43	51.2	308	30	US-10-425-114A-49148	Sequence 49148, A
74	43	51.2	330	1	PCT-US01-01320-184	Sequence 184, App
75	43	51.2	330	22	US-09-764-898-184	Sequence 184, App
76	43	51.2	354	29	US-10-438-246-8969	Sequence 8969, Ap
77	43	51.2	451	30	US-10-366-683-27602	Sequence 27602, A
78	43	51.2	452	27	US-10-419-128-27602	Sequence 27602, A
79	43	51.2	452	30	US-10-156-881-11131	Sequence 11131, A
80	43	51.2	484	27	US-10-156-761-12068	Sequence 12068, A
81	43	51.2	718	30	US-10-437-963-183165	Sequence 183165,
82	43	51.2	736	32	US-10-679-063-19300	Sequence 19300, A
83	43	51.2	1521	26	US-10-087-192-1071	Sequence 1071, App
84	43	51.2	1651	30	US-10-467-909-5	Sequence 5, Appli
85	42.5	50.6	110	23	US-09-877-843-85	Sequence 85, Appl
86	42.5	50.6	110	24	US-09-930-512-69	Sequence 69, Appl
87	42.5	50.6	158	19	US-09-513-996A-25601	Sequence 25601, A
88	42.5	50.6	174	1	PCT-US01-08656-6565	Sequence 6565, Ap
89	42.5	50.6	174	28	US-10-273-573-6565	Sequence 6565, A
90	42.5	50.6	323	30	US-10-425-114-65066	Sequence 65066, A
91	42.5	50.6	323	30	US-10-425-114A-65066	Sequence 65066, A
92	42	50.0	73	30	US-10-424-599-226915	Sequence 226915,
93	42	50.0	77	28	US-09-758-438-765	Sequence 765, App
94	42	50.0	77	28	US-10-212-760-765	Sequence 765, App
95	42	50.0	87	30	US-10-424-599-147495	Sequence 147495,
96	42	50.0	90	21	US-09-724-676-91069	Sequence 91069, A
97	42	50.0	90	21	US-09-724-676A-91069	Sequence 91069, A
98	42	50.0	90	23	US-09-864-408A-6272	Sequence 6272, Ap
99	42	50.0	140	30	US-10-437-963-182534	Sequence 182534,
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101	42	50.0	150	27	US-10-425-115-251195	Sequence 251195,
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103	42	50.0	211	30	US-10-425-115-278754	Sequence 278754,
104	42	50.0	234	27	US-10-156-761-13389	Sequence 13389, A
105	42	50.0	239	29	US-10-437-963-108490	Sequence 108490,
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107	42	50.0	239	30	US-10-419-128-25790	Sequence 25790, A
108	42	50.0	284	24	US-09-949-016-10245	Sequence 10245, A
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110	42	50.0	297	30	US-10-425-114-46288	Sequence 46288, A
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114	42	50.0	616	30	US-10-449-902-38203	Sequence 38203, A
115	42	50.0	616	28	US-10-119-999-59312	Sequence 59312, A
116	42	50.0	616	30	US-10-425-114-72429	Sequence 72429, A
117	42	50.0	620	30	US-10-425-114A-72429	Sequence 72429, A
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126	42	50.0	641	36	US-60-222-113-73	Sequence 73, Appl
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129	42	50.0	641	36	US-60-443-566-2782	Sequence 2782, Ap
130	42	50.0	641	36	US-60-452-680-24489	Sequence 24489, A
131	42	50.0	641	36	US-60-455-444-8437	Sequence 8437, Ap
132	42	50.0	641	36	US-60-474-850-370	Sequence 370, App
133	42	50.0	801	29	US-10-366-683-29274	Sequence 29274, A
134	42	50.0	801	30	US-10-419-128-29274	Sequence 29274, A
135	42	50.0	808	27	US-10-156-761-10993	Sequence 10993, A
136	42	50.0	74	16	US-09-270-849B-183180	Sequence 183180,
137	41.5	49.4	188	30	US-10-425-115-334002	Sequence 334002,
138	41.5	49.4	394	30	US-10-437-963-189862	Sequence 189862,
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140	41	48.8	55	30	US-09-764-905-17343	Sequence 17343, A
141	41	48.8	55	26	US-10-092-399-17343	Sequence 17343, A
142	41	48.8	73	30	US-10-437-963-121555	Sequence 121555,
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147	41	48.8	81	26	US-10-057-498-28107	Sequence 28107, A
148	41	48.8	117	30	US-10-425-115-201150	Sequence 201150,
149	41	48.8	131	30	US-10-437-963-108633	Sequence 108633,
150	41	48.8	139	30	US-10-425-115-369044	Sequence 369044,
151	41	48.8	143	30	US-10-425-115-233688	Sequence 233688,
152	41	48.8	146	1	US-10-425-115-233688	Sequence 55, Appl
153	41	48.8	146	33	US-10-773-236-268	Sequence 268, App
154	41	48.8	146	35	US-10-921-235-55	Sequence 55, Appl
155	41	48.8	147	14	US-09-002-485-11	Sequence 11, Appl
156	41	48.8	147	22	US-09-799-777-11	Sequence 11, Appl
157	41	48.8	166	33	US-10-767-701-55129	Sequence 55129, A
158	41	48.8	184	30	US-10-424-599-216773	Sequence 216773,
159	41	48.8	196	30	US-10-437-963-196824	Sequence 196824,
160	41	48.8	198	29	US-10-419-128-23204	Sequence 23204, A
161	41	48.8	198	24	US-10-366-683-23204	Sequence 23204, A
162	41	48.8	208	30	US-10-902-540-13701	Sequence 13701, A
163	41	48.8	263	29	US-10-366-683-21542	Sequence 21542, A
164	41	48.8	263	30	US-10-419-128-21542	Sequence 21542, A
165	41	48.8	271	19	US-09-513-996A-23659	Sequence 23659, A
166	41	48.8	271	19	US-09-513-996A-48970	Sequence 48970, A
167	41	48.8	284	29	US-10-366-683-32586	Sequence 32586, A
168	41	48.8	284	30	US-10-419-128-32586	Sequence 32586, A
169	41	48.8	293	19	US-09-513-996A-23658	Sequence 23658, A
170	41	48.8	293	19	US-09-513-996A-48969	Sequence 48969, A
171	41	48.8	328	36	US-10-424-599-216771	Sequence 216771,
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173	41	48.8	333	20	US-60-173-464-17393	Sequence 17393, A
174	41	48.8	334	20	US-09-614-150-21198	Sequence 21198, A
175	41	48.8	334	36	US-60-614-150A-21198	Sequence 21198, A
176	41	48.8	334	20	US-60-191-637-21260	Sequence 21260, A
177	41	48.8	334	36	US-09-614-150A-21260	Sequence 21260, A
178	41	48.8	371	36	US-60-191-681-16754	Sequence 16754, A
179	41	48.8	371	19	US-09-513-996A-23657	Sequence 23657, A
180	41	48.8	371	19	US-09-513-996A-48968	Sequence 48968, A
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182	41	48.8	424	28	US-10-852-819-12	Sequence 12, Appl
183	41	48.8	523	36	US-60-167-217-21258	Sequence 21258, A
184	41	48.8	523	36	US-60-173-464-17312	Sequence 17312, A
185	41	48.8	524	20	US-09-614-150-21087	Sequence 21087, A
186	41	48.8	524	36	US-60-614-150A-21087	Sequence 21087, A
187	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A
188	41	48.8	627	36	US-60-191-681-16676	Sequence 16676, A
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190	41	48.8	729	21	US-10-449-902-38065	Sequence 38065, A
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193	41	48.8	770	30	US-09-708-427-20387	Sequence 20387, A
194	41	48.8	770	30	US-10-449-902-40941	Sequence 40941, A
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204	40.5	48.2	178	36	US-60-453-135-14860	Sequence 14860, A
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206	40.5	48.2	178	36	US-60-485-450-1694	Sequence 1694, Ap
207	40.5	48.2	178	36	US-60-487-610-2653	Sequence 2653, Ap
208	40.5	48.2	178	36	US-60-563-440-1694	Sequence 1694, Ap
209	40.5	48.2	184	36	US-60-582-609-2653	Sequence 2653, Ap
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212	40.5	48.2	494	1	US-10-425-115-262552	Sequence 262552,
213	40.5	48.2	494	24	PCT-US00-05918-690	Sequence 690, App
214	40.5	48.2	515	1	US-09-925-302-690	Sequence 690, App
215	40.5	48.2	651	30	PCT-US01-08631-49432	Sequence 49432, A
216	40.5	48.2	828	1	PCT-US01-08631-38718	Sequence 38718, A
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